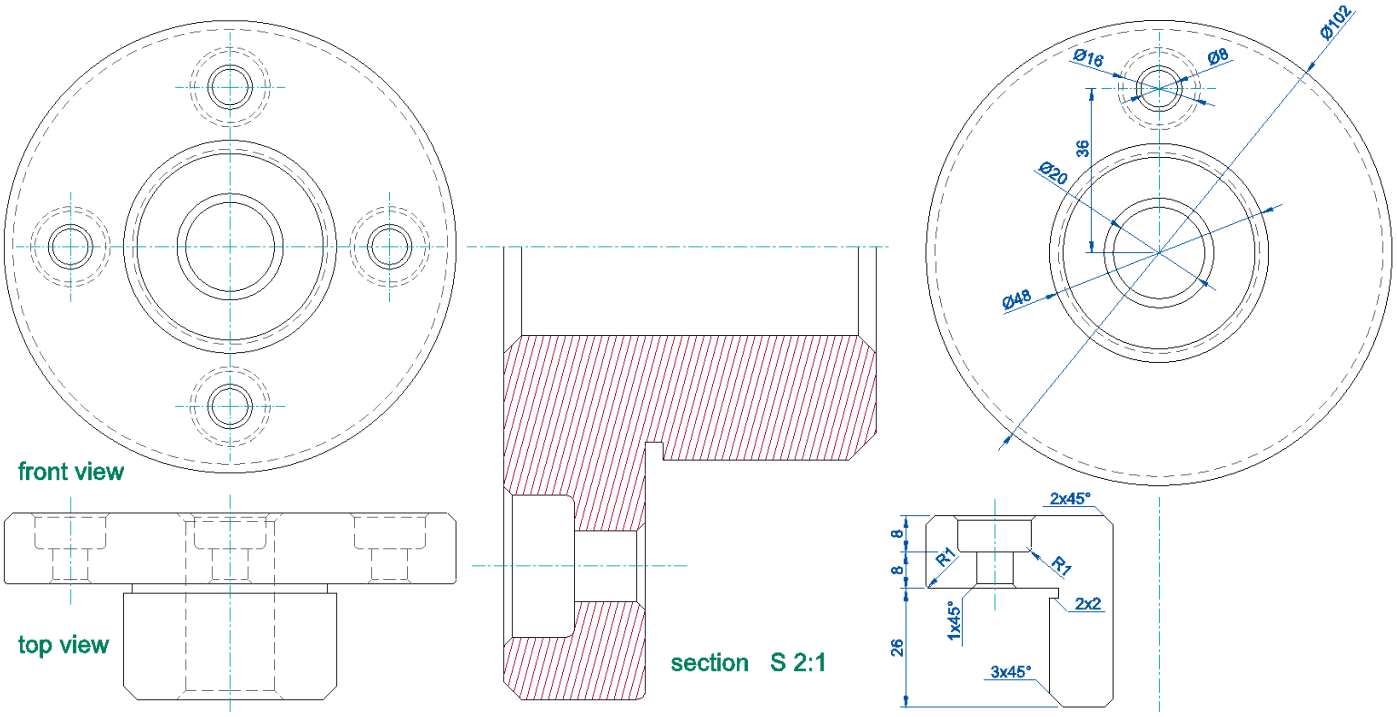
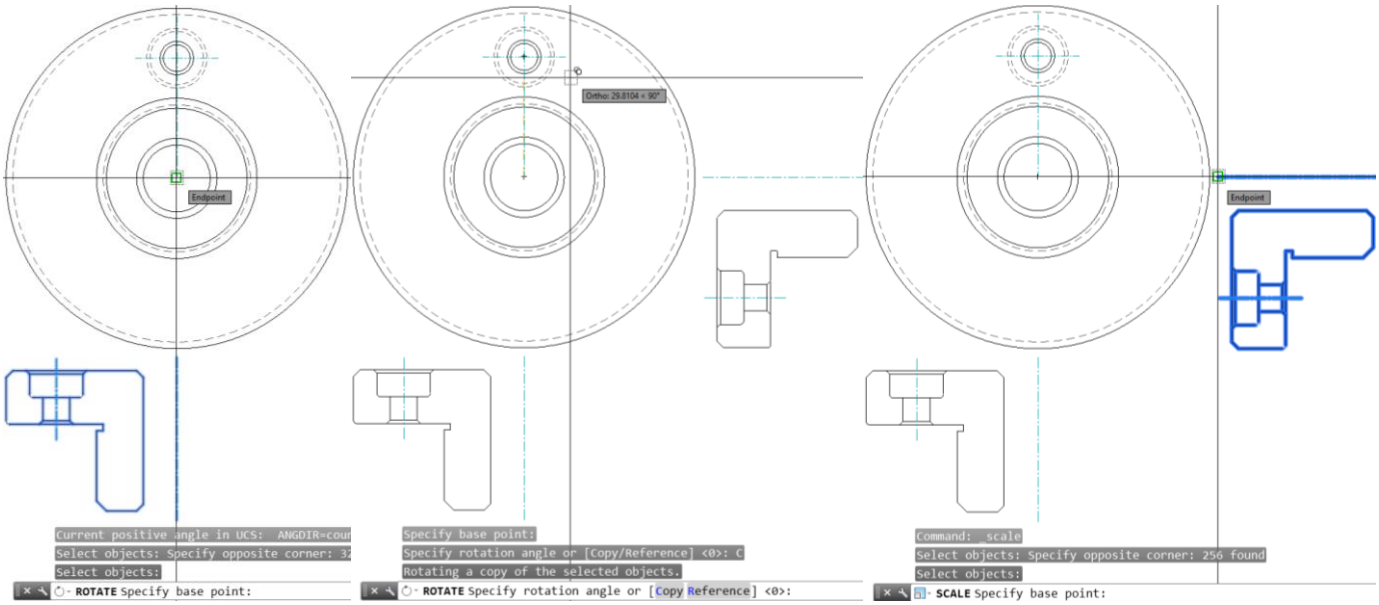
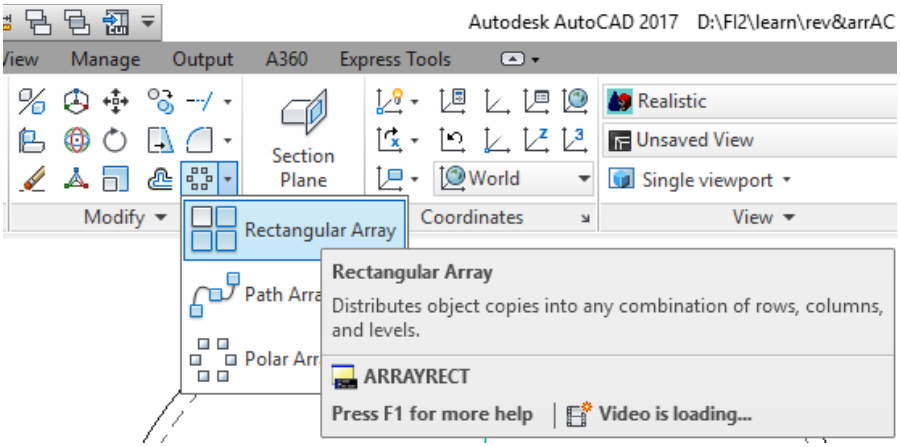
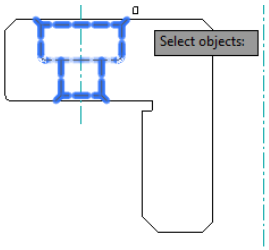
Revolved solid & array



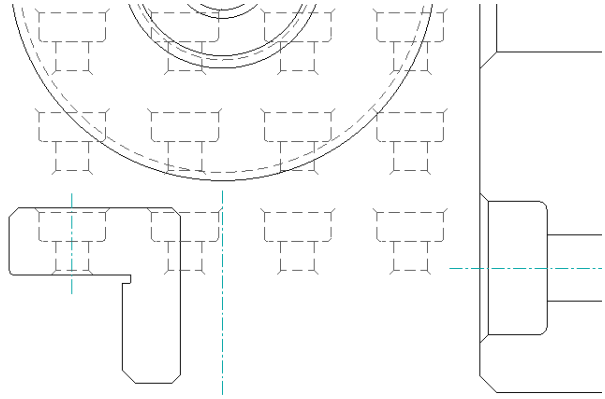


Rotated 90° and magnified two times larger.

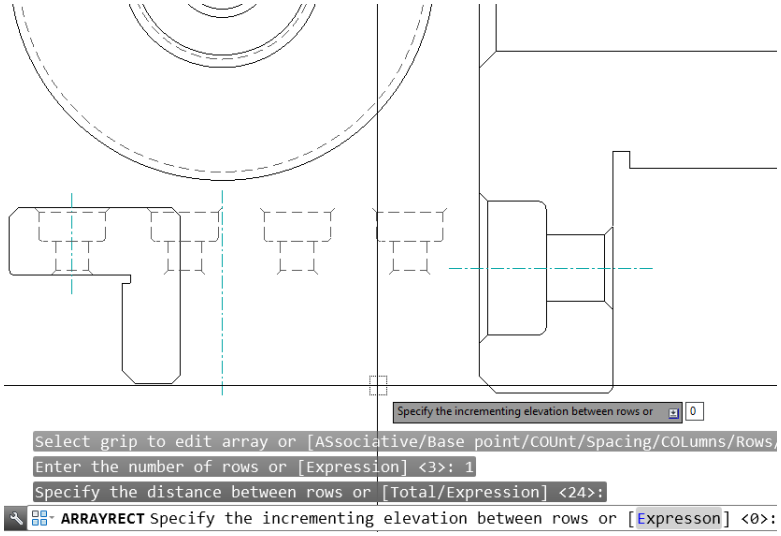




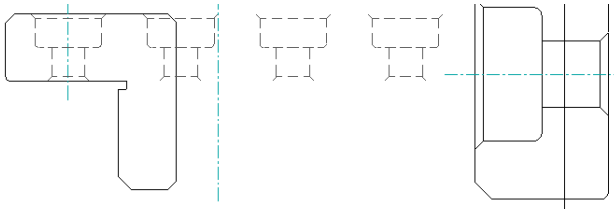

```
Command:
Command: _arrayrect
Select objects: Specify opp
ARRAYRECT Select objects:
```



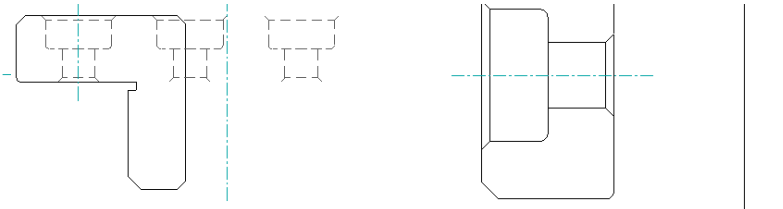
```
Select objects:
Type = Rectangular  Associative = Yes
Select grip to edit array or [ASsociative/Base point/COUnt/Sp
ARRAYRECT Enter the number of rows or [Expression] <3>: 1
```



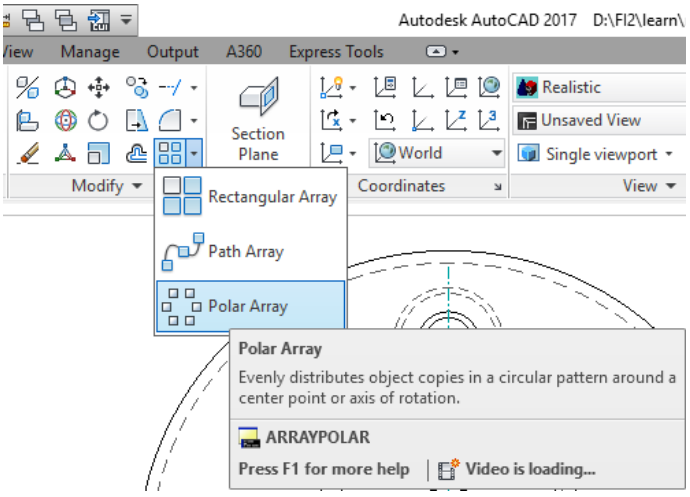

```
Select grip to edit array or [ASsociative/Base point/COUnt/Spacing/COLumns/Rows/
Enter the number of rows or [Expression] <3>: 1
Specify the distance between rows or [Total/Expression] <24>:
ARRAYRECT Specify the incrementing elevation between rows or [Expresson] <0>:
```

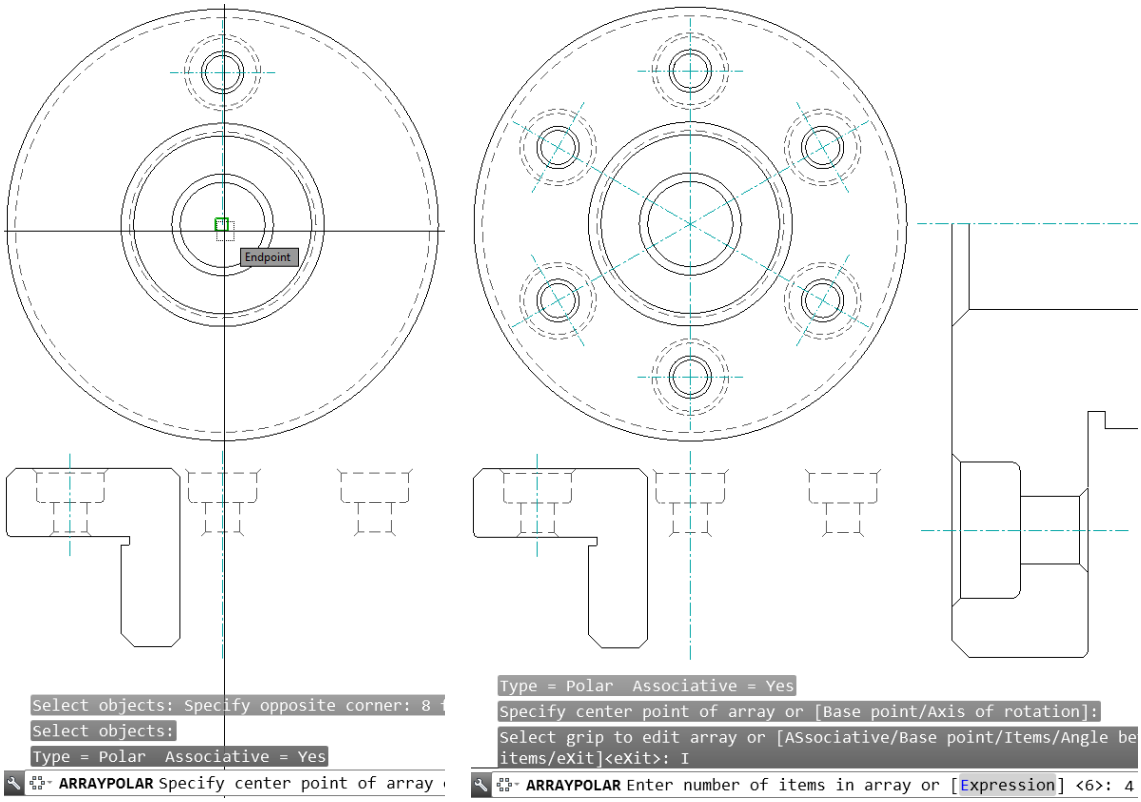


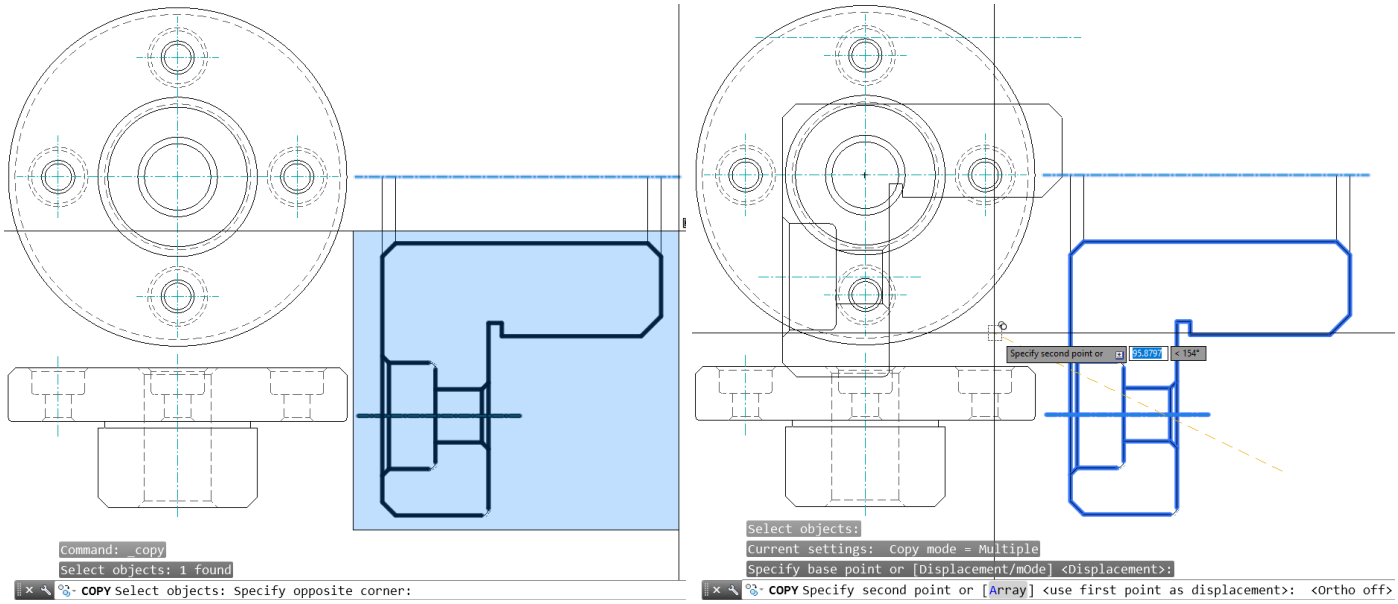
```
Specify the distance between rows or [Total/Expression] <24>:
Specify the incrementing elevation between rows or [Expresson]
Select grip to edit array or [ASsociative/Base point/COUnt/Spac
ARRAYRECT Enter the number of columns or [Expression] <4>: 3
```

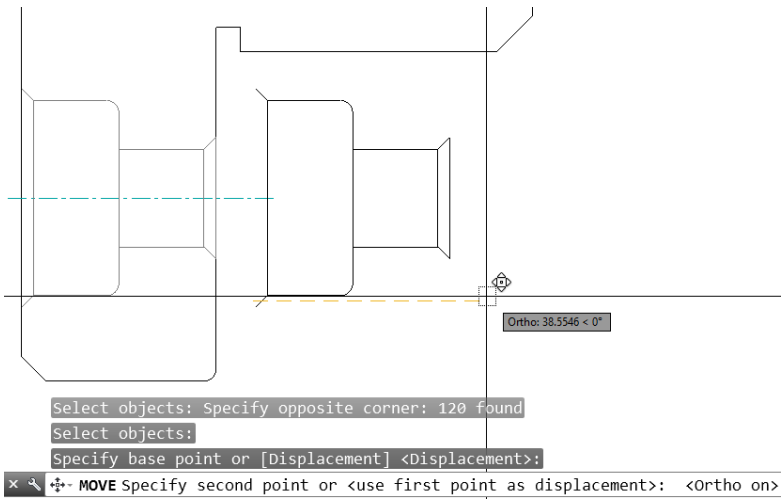


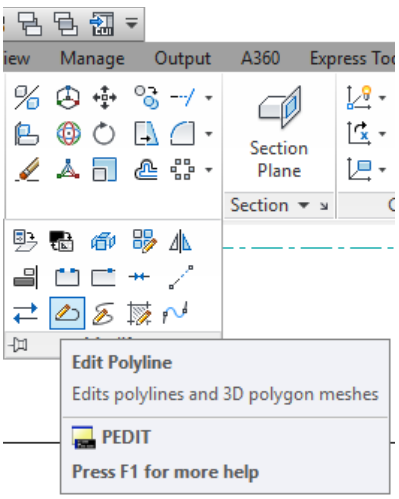
```
Specify the distance between columns or [Total/Expression] <27>: *Cancel*
Select grip to edit array or [ASsociative/Base point/COUnt/Spacing/COLumns/Rows/
Enter the number of columns or [Expression] <3>:
ARRAYRECT Specify the distance between columns or [Total Expression] <27>: 36
```

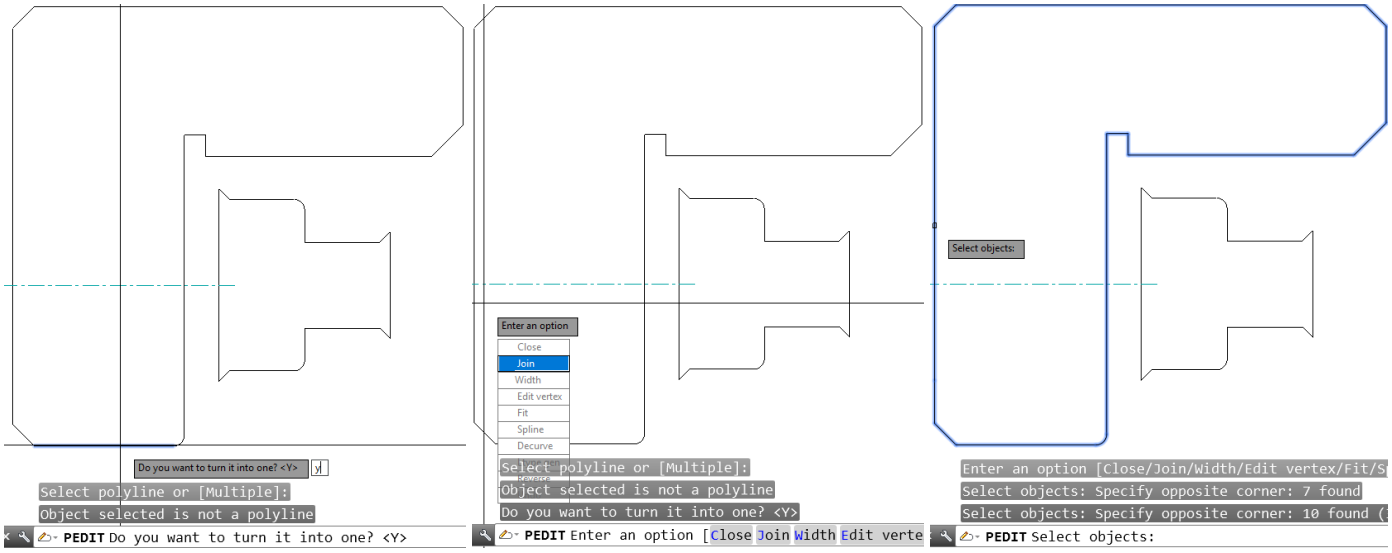


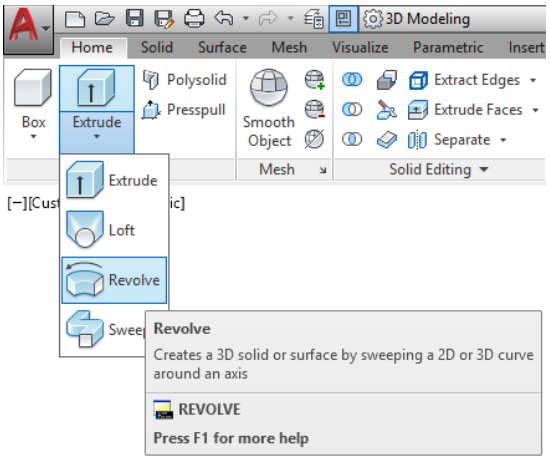

Endpoint
Select objects: Specify opposite corner: 8
Select objects:
Type = Polar Associative = Yes
ARRAYPOLAR Specify center point of array
Type = Polar Associative = Yes
Specify center point of array or [Base point/Axis of rotation]:
Select grip to edit array or [ASsociative/Base point/Items/Angle be
items/eXit]<eXit>: I
ARRAYPOLAR Enter number of items in array or [Expression] <6>: 4

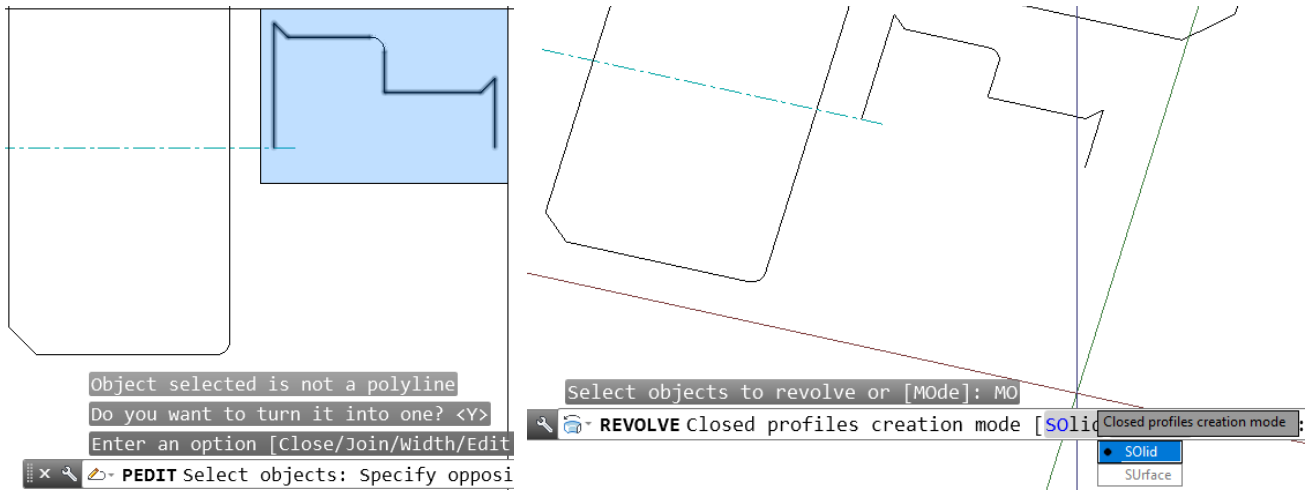

Command: _copy
Select objects: 1 found
COPY Select objects: Specify opposite corner:
Specify second point or
Select objects:
Current settings: Copy mode = Multiple
Specify base point or [Displacement/mOde] <Displacement>:
COPY Specify second point or [Array] <use first point as displacement>: <Ortho off>

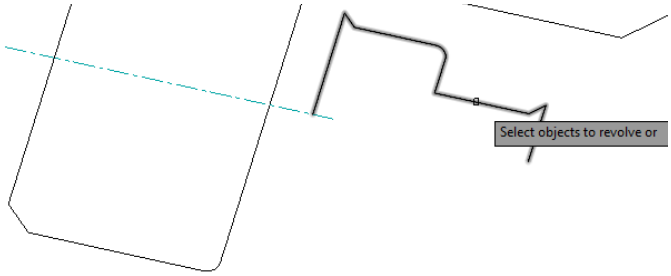

Ortho: 38.5546 < 0°
Select objects: Specify opposite corner: 120 found
Select objects:
Specify base point or [Displacement] <Displacement>:
MOVE Specify second point or <use first point as displacement>: <Ortho on>

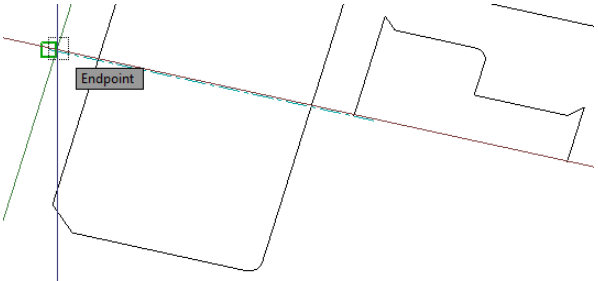

Manage
Output
A360
Express To
Section Plane
Section
Edit Polyline
Edits polylines and 3D polygon meshes
PEDIT
Press F1 for more help


Do you want to turn it into one? <Y>
Select polyline or [Multiple]:
Object selected is not a polyline
PEDIT Do you want to turn it into one? <Y>
Enter an option
Close
Join
Width
Edit vertex
Fit
Spline
Decurve
Select polyline or [Multiple]:
Object selected is not a polyline
Do you want to turn it into one? <Y>
PEDIT Enter an option [Close Join Width Edit verte
Select objects:
Enter an option [Close/Join/Width/Edit vertex/Fit/S
Select objects: Specify opposite corner: 7 found
Select objects: Specify opposite corner: 10 found
PEDIT Select objects:


3D Modeling
Home
Solid
Surface
Mesh
Visualize
Parametric
Insert
Box
Extrude
Polysolid
Presspull
Smooth Object
Extract Edges
Extrude Faces
Separate
Mesh
Solid Editing
Extrude
Loft
Revolve
Revolve
Creates a 3D solid or surface by sweeping a 2D or 3D curve around an axis
REVOLVE
Press F1 for more help

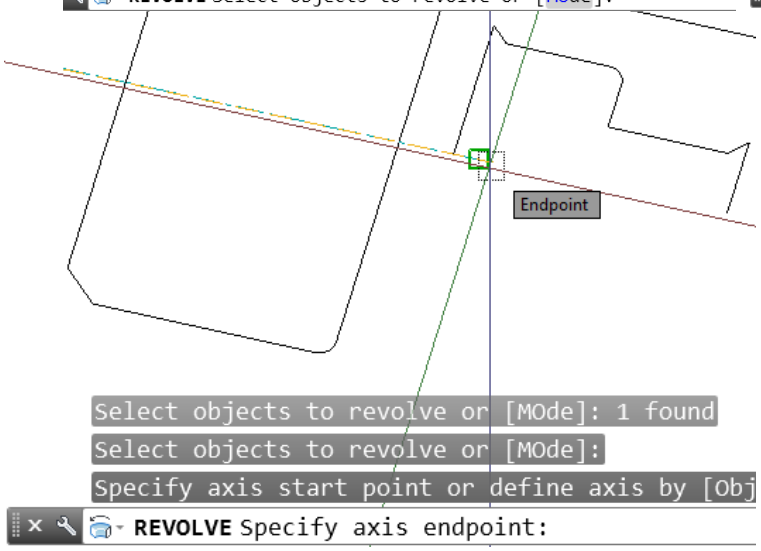

Object selected is not a polyline
Do you want to turn it into one? <Y>
Enter an option [Close/Join/Width/Edit
PEDIT Select objects: Specify opposi
Select objects to revolve or [MOde]: MO
REVOLVE Closed profiles creation mode [SOlid
Closed profiles creation mode
SOlid
SUrface

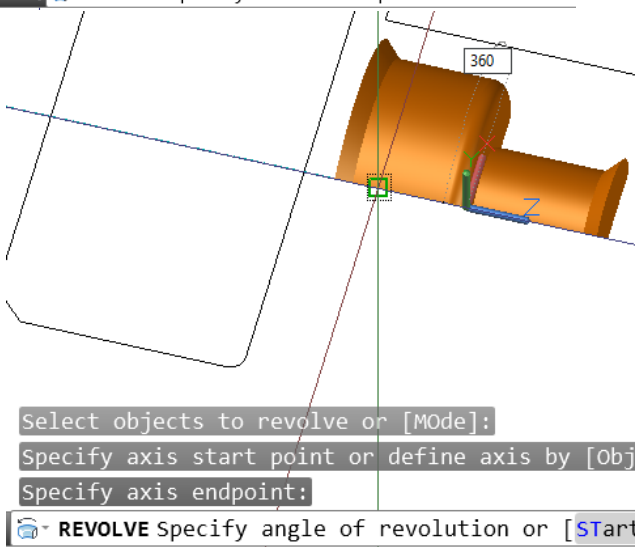





```
Select objects to revolve or [MOde]: _MO Closed profiles
Select objects to revolve or [MOde]: MO
Closed profiles creation mode [SOlid/SUrface] <Solid>: SO
REVOLVE Select objects to revolve or [MOde]:
```

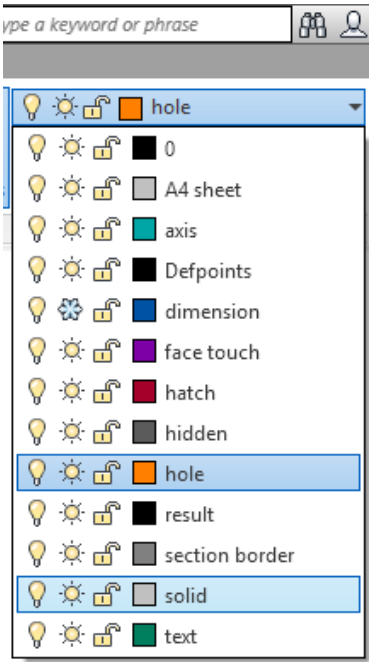
```
Closed profiles creation mode [SOlid/SUrface] <
Select objects to revolve or [MOde]: 1 found
Select objects to revolve or [MOde]:
REVOLVE Specify axis start point or define ax
```

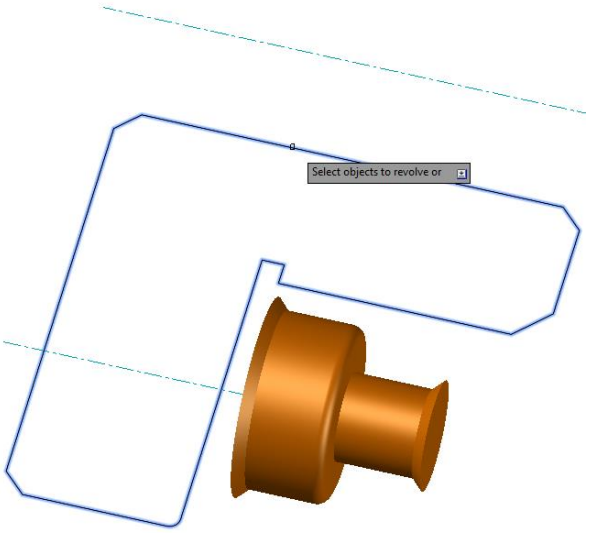




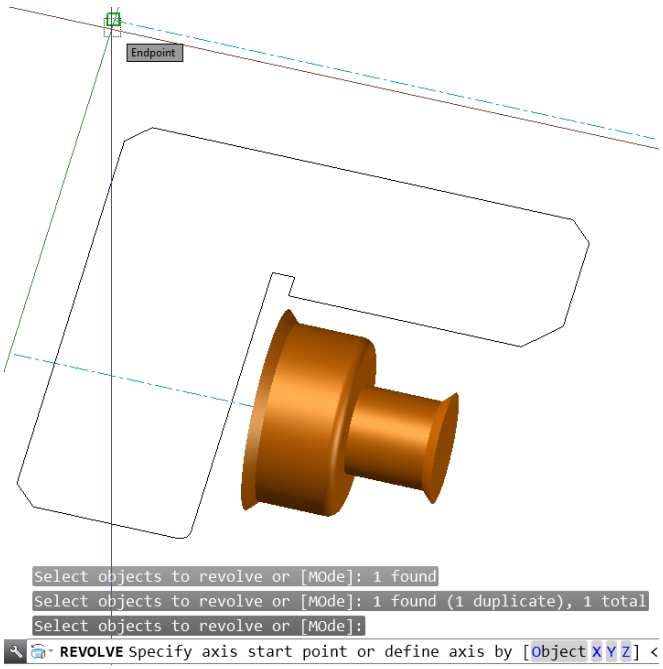

```
Select objects to revolve or [MOde]: 1 found
Select objects to revolve or [MOde]:
Specify axis start point or define axis by [Obj
REVOLVE Specify axis endpoint:
```

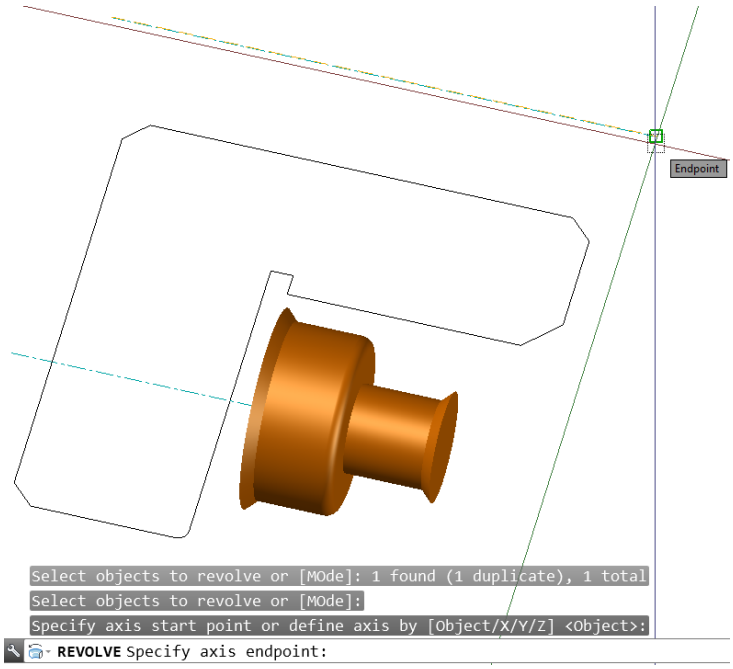
```
Select objects to revolve or [MOde]:
Specify axis start point or define axis by [Obj
Specify axis endpoint:
REVOLVE Specify angle of revolution or [STart
```

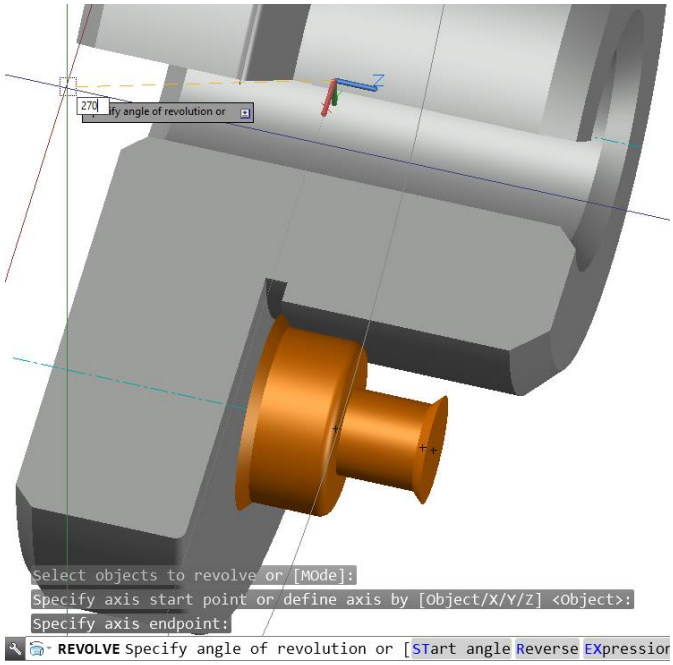




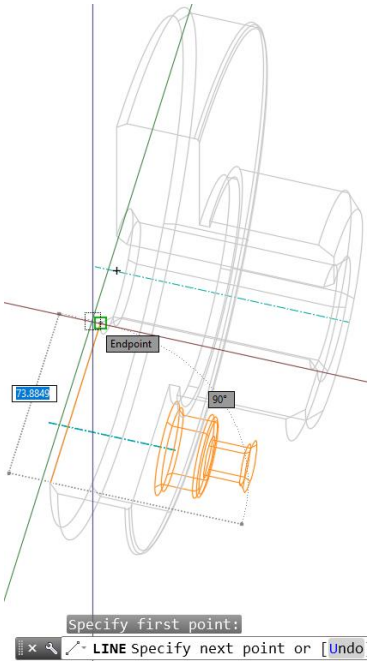

```
Select objects to revolve or [MOde]: _MO Closed profiles creat
Select objects to revolve or [MOde]: 1 found
REVOLVE Select objects to revolve or [MOde]:
```

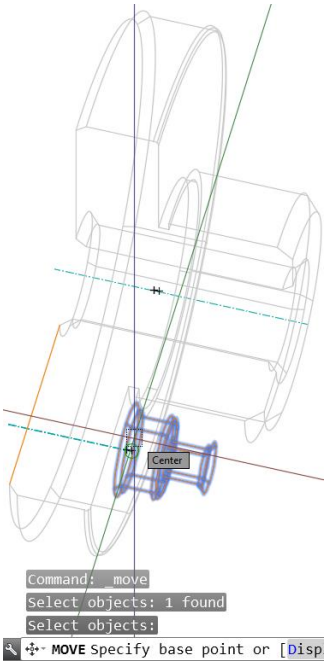


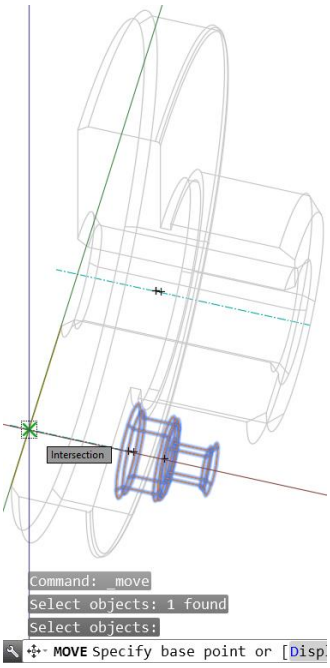


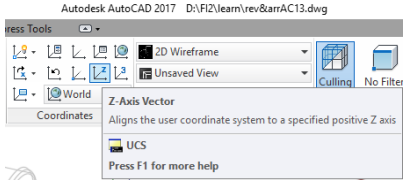


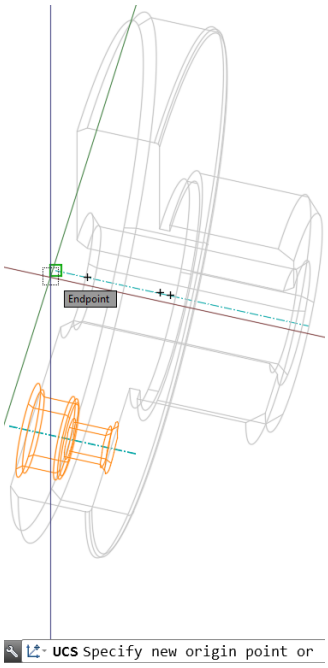
Revolved 270°

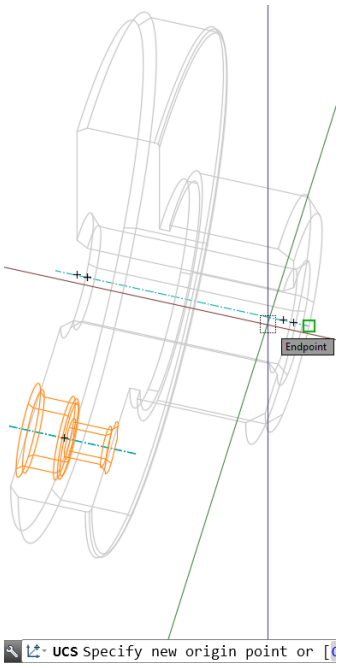


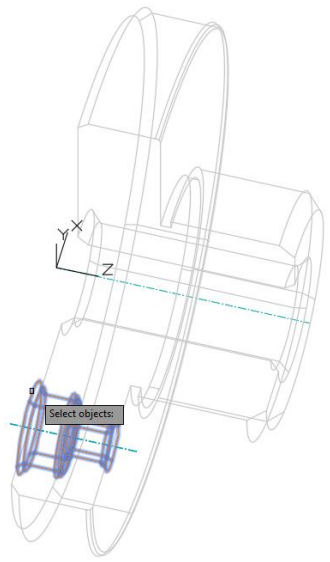




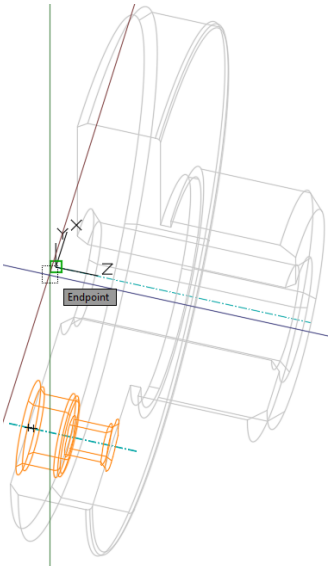




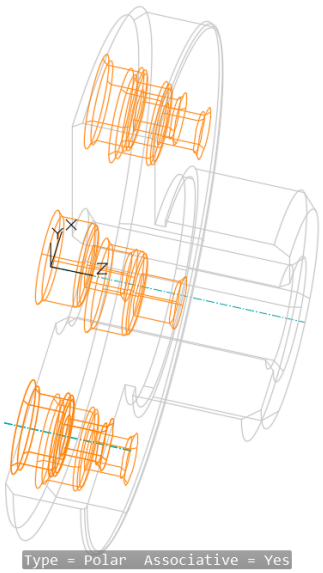




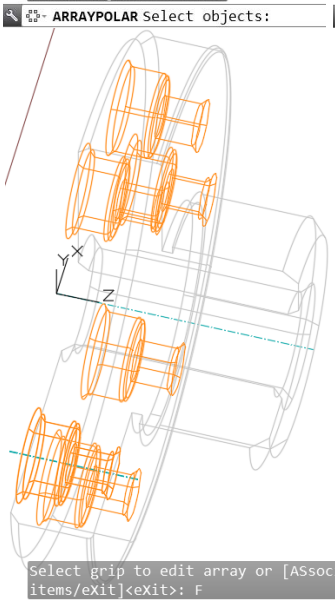
Command:
Command: _arraypolar
Select objects: 1 found
ARRAYPOLAR Select objects:



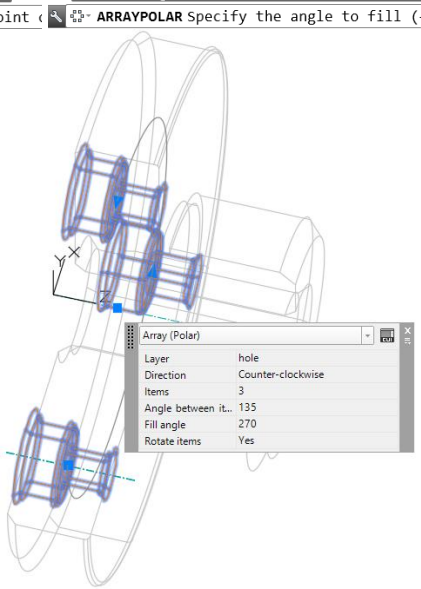
Select objects: 1 found
Select objects:
Type = Polar Associative = Yes
ARRAYPOLAR Specify center point (



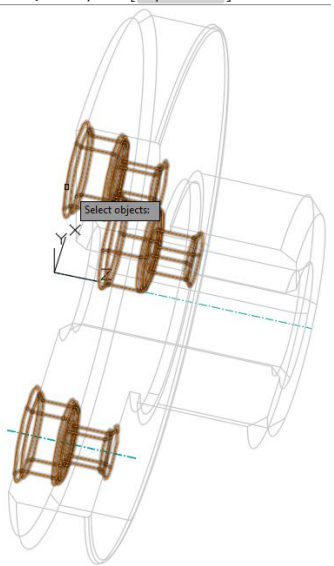
Type = Polar Associative = Yes
Specify center point of array or [Base point/Axis of rotation]:
Select grip to edit array or [ASsociative/Base point/Items/Angle between/Fill an
items/eXit]<eXit>: F
ARRAYPOLAR Specify the angle to fill (+=ccw, -=cw) or [EXpression] <360>: 270



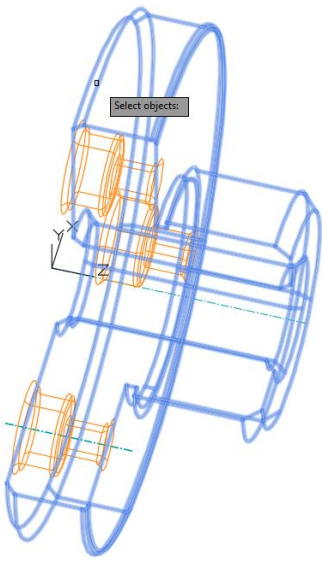
Select grip to edit array or [ASsociative/Base point/Items/Angle be
items/eXit]<eXit>: F
Specify the angle to fill (+=ccw, -=cw) or [EXpression] <360>: 270
Select grip to edit array or [ASsociative/Base point/Items/Angle be
items/eXit]<eXit>: I
ARRAYPOLAR Enter number of items in array or [Expression] <6>: 3



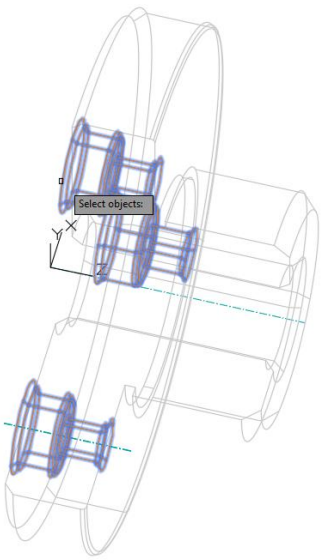
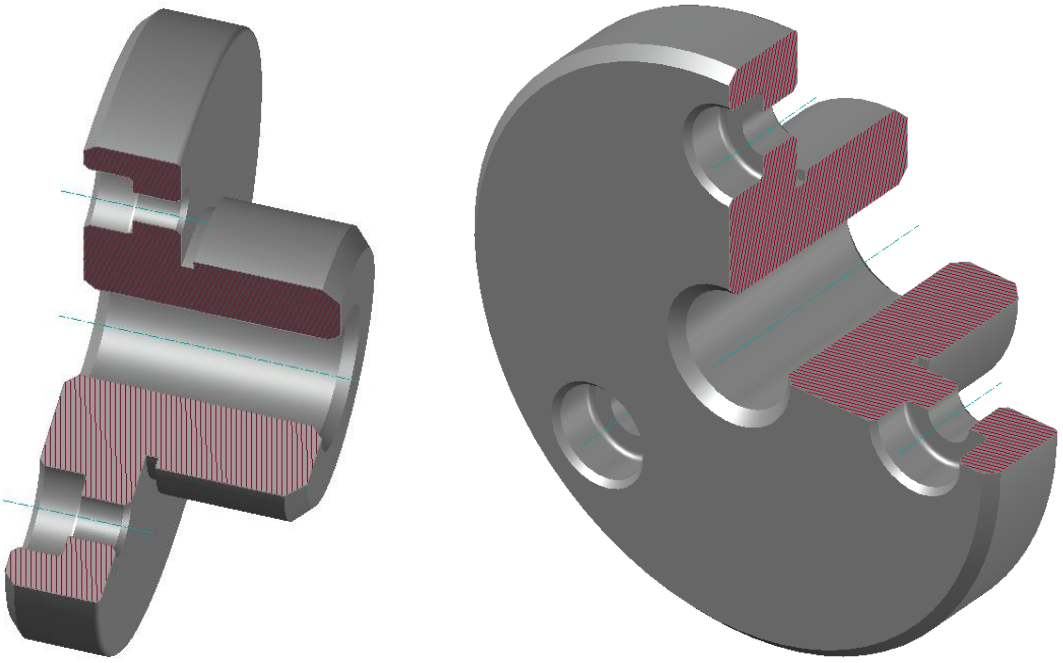
Type a command



EXPLODE Select objects:



Command: _subtract Select solids, s
Select objects: 1 found
SUBTRACT Select objects:



Select objects:
Select solids, surfaces, and regior
Select objects: 1 found
SUBTRACT Select objects: